

page 4 to the end of the first paragraph on page 5 as follow:

D' — Another inventive method for producing a low cross-linking-density gel, comprises:
a compounding step for adjusting a flexible silicone gel material to have a specified refractive index,
a combining step for synthesizing a composition by adding a cross-linking agent to the flexible silicone gel material adjusted in the compounding step,
a filling step for filing the composition into a syringe,
a sealing step for sealing the syringe, and
a reaction step for heating the sealed syringe to cause the composition to undergo an addition reaction in a binding region where cross-linking density is low, thereby producing a low cross-linking-density gel in the syringe. —

Replace the paragraph beginning on page 7, line 21 and extending over to page 8, line 2 as follows:

D2 SUB E3 — Adjusting the refractive index by adding a primary agent and making cross-links by adding a binding agent is known to those skilled in the art. A transparent flexible silicone gel material thereby is caused to undergo an additional reaction in a binding agent where cross-linking is low, with the result that the low cross-linking density gel having a viscosity and a minimum flexibility can be obtained. As a result of the additional reaction that provides a gel having a

D² low cross-link density, free hydrogen atoms are advantageously absent since they are fully consumed during the reaction. ~

Replace the paragraph beginning at page 8, line 7 to line 11 as follows:

D³ SUB
E4 ~ A range of the cross-linking density was specified by an amount of the cross-linking agent to be added, and a final cross-linking density could be substantially precisely controlled. The cross-linked binding region of the low cross-linking-density gel is in the range of 30% to 10% of the theoretical quantity for the primary agent to be fully cross-linked. ~

Replace the paragraph beginning at page 8, line 12 and extending to page 8, line 19 as follows:

D⁴ ~ If the gel is produced beyond the above cross-linked binding agent, it displays properties more similar to those of an elastic material as the ratio of the cross-linking agent increases. As a result, the gel loses its fluidity and comes to possess a breakage point, which is not preferable. On the other hand, if the gel is cross-linked to a lesser degree than is recommended above, the portion of the vinyl-fractional polysiloxane that remains unreacted has an increased degree of freedom. ~

A marked up version of the specification corresponding to today's supplementary amendment accompanied applicant's response dated August 27, 2002.

Respectfully submitted,

INAGAKI, Takeo et al

By:

John R. Uren
Regn. No. 27,530

Date: October 14, 2002

John Russell Uren, P.Eng.
Suite 202, 1590 Bellevue Avenue
West Vancouver, Canada V7V 1A7

Telephone: (604) 922-2997 (West Vancouver, Canada)
(360) 945-3411 (Washington State)

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JOHN R. UREN
REG. No. 27,530